

Exp 1763

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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JAN 09 2002

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/939,332
Filing Date	August 24, 2001
First Named Inventor	Askarinam
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	5102/ETCH/DICP
Total Number of Pages in This Submission	

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Preliminary Amendment, Corrected Drawing (Fig. 2)
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Joseph Pagnotta, Agent - Reg. No. 39,322
Signature	<i>Joseph Pagnotta</i>
Date	October 23, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>Oct. 23, 2001</u>			
Typed or printed name	Kathleen Faughnan		
Signature	<i>Kathleen Faughnan</i>	Date	10/23/01

Burden Hour Statement: This form is estimated to take 0-2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number 09/939,332

Filing Date 8/24/01

First Named Inventor Askarinam et al.

Examiner Name Not yet assigned

Group / Art Unit Not yet assigned

Attorney Docket No. 5102 ETCH/DICP

TOTAL AMOUNT OF PAYMENT (\$) 0

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

20-0782

Deposit
Account
Name

Moser, Patterson & Sheridan LLP

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$) 0

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
-20 **	0	X	0
Independent Claims -3 **	0	X	0
Multiple Dependent		X	0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 0

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 0

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

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10/23/01

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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

3A
1/15/02
RECEIVED
JAN 14 2002
TC 1700

Applicant(s): Askarinam et al.

Case: 5102/ETCH/DICP

Serial No.: 09/939,332

Filed: August 24, 2001

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

Title: TOP GAS FEED LID FOR SEMICONDUCTOR PROCESSING CHAMBER

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

SIR:

PRELIMINARY AMENDMENT

Please amend the above-identified patent application filed on August 24, 2001, as follows:

IN THE SPECIFICATION

Please replace existing paragraph [0019] with the following paragraph [0019]:

A¹
[0019] In the embodiment shown in FIG. 2, the chamber 202 comprises an antenna 226 adjacent to the chamber that generates an induction coupled field in the chamber to form a high density inductive plasma therein. The inductor antenna 226 preferably comprises multiple coils 226a and 226b positioned adjacent to a chamber ceiling 228 for inductively coupling RF power into the chamber 202. A primary bias electrode 230 comprises a first conducting surface 232 exposed to the plasma zone 206. A unitary monolithic dielectric member 234 positioned directly below the primary bias electrode 230 has a receiving surface 236 for receiving a substrate 118 thereon. A power electrode 238 is embedded in the dielectric member 234. The chamber 202 further comprises a secondary bias electrode 240 positioned directly below the